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INTERNATIONAL PRELIMINARY EXAMINATION REPORT

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anslation internal	TIONAL PRELIMINARY EX	AMINATION REPORT
	(PCT Article 36 and Ru	ale 70)
Applicant's or agent's file reference 02S1148P	FOR FURTHER ACTION Pro	e Notification of Transmittal of Internation eliminary Examination Report (Form PCT/IPEA/41
International application No. PCT/JP2003/003862	International filing date (day/mont 27 March 2003 (27.03.20	
International Patent Classification (IPC) o H01L 21/205, 21/31, 21/22, 2	r national classification and IPC	
Applicant	TOKYO ELECTRON LIM	NTED
This international preliminary ex and is transmitted to the applican	amination report has been prepared by according to Article 36.	this International Preliminary Examining Authority
amended and are the basis 70.16 and Section 607 of	panied by ANNEXES, i.e., sheets of the store this report and/or sheets containing the Administrative Instructions under the atotal of sheets.	e description, claims and/or drawings which have b ig rectifications made before this Authority (see R the PCT).
IV Lack of unity of V Reasoned staten citations and exp VI Certain docume VII Certain defects	ent of opinion with regard to novelty, in the control of invention the control of	nventive step and industrial applicability novelty, inventive step or industrial applicability;
Date of submission of the demand		completion of this report 06 April 2004 (06.04.2004)
14 May 2003 (14.0 Name and mailing address of the IPEA.		zed officer
Receimile No	Telepho	ne No.

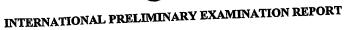


INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/JP2003/003862

I. Basis of the report								
1. With regard to the elements of the international application:*								
	the international application as originally filed							
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	the ir	nternation e element the lang the lang	to the language, all the elements marked above were available or onal application was filed, unless otherwise indicated under this iter ints were available or furnished to this Authority in the following language of a translation furnished for the purposes of international singuage of publication of the international application (under Rule 4) inguage of the translation furnished for the purposes of international 3).	n. nguage which is: earch (under Rule 23.1(b)). 8.3(b)).				
3.	With prelin	minary ex	to any nucleotide and/or amino acid sequence disclosed examination was carried out on the basis of the sequence listing:	in the international application, the international				
	H	contained in the international application in written form.						
	filed together with the international application in computer readable form.							
1	furnished subsequently to this Authority in written form. furnished subsequently to this Authority in computer readable form.							
		The sta	statement that the subsequently furnished written sequence li- ational application as filed has been furnished.	sting does not go beyond the disclosure in the				
		The sta	statement that the information recorded in computer readable fo furnished.	rm is identical to the written sequence listing has				
4.		The am	mendments have resulted in the cancellation of:					
			the description, pages					
		_	the claims, Nos.	·				
l			the drawings, sheets/fig					
5.		This rep	eport has been established as if (some of) the amendments had no d the disclosure as filed, as indicated in the Supplemental Box (Rul					
	in th	is report	sheets which have been furnished to the receiving Office in resport as "originally filed" and are not annexed to this report sin	nse to an invitation under Article 14 are referred to nce they do not contain amendments (Rule 70.16				
		70.17). replaceme	nent sheet containing such amendments must be referred to under i	tem 1 and annexed to this report.				



International application No.
PCT/JP 03/03862

v.	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement					
1.	Statement		1 15	YES		
	Novelty (N)	Claims	1-15	NO		
		Claims	1-15	YES		
	Inventive step (IS)	Claims		NO		
		Claims	1-15	YES		
	Industrial applicability (IA)	Claims	·	NO		
		Claims				

Citations and explanations

- Document 1: JP 6-168904 A (Kokusai Electric Co., Ltd.),
 - 14 June 1994
- Document 2: US 5421892 A (Tokyo Electron K.K.), 6 June
- 1995

 Document 3: JP 4-026115 A (Tokyo Electron Sagami K.K.),
 - 29 January 1992
- Document 4: US 5324540 A (Tokyo Electron Ltd.), 28 June 1994
- Document 5: JP 2001-297987 A (Rigaku Denki Co., Ltd.), 26
 October 2001

Claims 1 to 15

A liftable cover body for opening and closing the throat of a vertical heat-treating furnace, said cover body having arranged thereon a rotating mechanism provided with a rotating shaft having a thin-walled, hollow structure and formed so that coolant gas flows on the inner and outer sides thereof is not disclosed in any of the documents cited in the international search report, nor would it be obvious to a person skilled in the art.